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EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

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L2

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<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
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<u>L1</u>	cell adj descript\$4	319	<u>L1</u>

**END OF SEARCH HISTORY**

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 25 returned.**☐ 1. Document ID: US 20030088842 A1

L2: Entry 1 of 25

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030088842

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030088842 A1

TITLE: Apparatus and methods for wire load independent logic synthesis and timing closure with constant replacement delay cell libraries

PUBLICATION-DATE: May 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cirit, Mehmet A.	Saratoga	CA	US	

US-CL-CURRENT: 716/9

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">RWC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 2. Document ID: US 20030079192 A1

L2: Entry 2 of 25

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030079192

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030079192 A1

TITLE: METHOD FOR GENERATING A PARTITIONED IC LAYOUT

PUBLICATION-DATE: April 24, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cheong, Kit-Lam	Palo Alto	CA	US	
Dai, Wei-Jin	Cupertino	CA	US	
Chen, Hsi-Chuan	Fremont	CA	US	
Eichenseer, Patrick John	Austin	TX	US	

US-CL-CURRENT: 716/7; 716/10, 716/8

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">RWC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 3. Document ID: US 20020194575 A1

L2: Entry 3 of 25

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020194575

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020194575 A1

TITLE: Hierarchical layout method for integrated circuits

PUBLICATION-DATE: December 19, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Allen, Robert J.	Jericho	VT	US	
Cohn, John M.	Richmond	VT	US	
Lovejoy, Steve G.	South Burlington	VT	US	

US-CL-CURRENT: 716/17

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 20020188918 A1

L2: Entry 4 of 25

File: PGPB

Dec 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020188918

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020188918 A1

TITLE: APPARATUS AND METHODS FOR WIRE LOAD INDEPENDENT LOGIC SYNTHESIS AND TIMING CLOSURE WITH CONSTANT REPLACEMENT DELAY CELL LIBRARIES

PUBLICATION-DATE: December 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cirit, Mehmet A.	Saratoga	CA	US	

US-CL-CURRENT: 716/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 20020183878 A1

L2: Entry 5 of 25

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020183878

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020183878 A1

TITLE: Collaborative design

PUBLICATION-DATE: December 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chartier, Valentin	Boulogne		FR	
Esposito, Nicolas	Suresnes		FR	

US-CL-CURRENT: 700/98; 700/96, 700/97

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc	Image
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☐ 6. Document ID: US 20020180735 A1

L2: Entry 6 of 25

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020180735  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020180735 A1

TITLE: Cell descriptor

PUBLICATION-DATE: December 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chartier, Valentin	Boulogne		FR	
Delaplace, Francois	Paris		FR	

US-CL-CURRENT: 345/440

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 7. Document ID: US 6523156 B2

L2: Entry 7 of 25

File: USPT

Feb 18, 2003

US-PAT-NO: 6523156  
DOCUMENT-IDENTIFIER: US 6523156 B2

TITLE: Apparatus and methods for wire load independent logic synthesis and timing closure with constant replacement delay cell libraries

DATE-ISSUED: February 18, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cirit; Mehmet A.	Saratoga	CA		

US-CL-CURRENT: 716/9; 716/10, 716/11, 716/12, 716/2, 716/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 8. Document ID: US 6457158 B1

L2: Entry 8 of 25

File: USPT

Sep 24, 2002

US-PAT-NO: 6457158  
DOCUMENT-IDENTIFIER: US 6457158 B1

TITLE: Method and device for placing electrode for signal observation

DATE-ISSUED: September 24, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Inoue; Itaru	Yamagata			JP

US-CL-CURRENT: 716/4; 716/11, 716/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 9. Document ID: US 6345379 B1

L2: Entry 9 of 25

File: USPT

Feb 5, 2002

US-PAT-NO: 6345379

DOCUMENT-IDENTIFIER: US 6345379 B1

TITLE: Method and apparatus for estimating internal power consumption of an electronic circuit represented as netlist

DATE-ISSUED: February 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khouja; Adel	Saratoga	CA		
Krishnamoorthy; Shankar	Sunnyvale	CA		
Mailhot; Frederic G.	Palo Alto	CA		
Meier; Stephen F.	Sunnyvale	CA		

US-CL-CURRENT: 716/4; 716/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 10. Document ID: US 6308292 B1

L2: Entry 10 of 25

File: USPT

Oct 23, 2001

US-PAT-NO: 6308292

DOCUMENT-IDENTIFIER: US 6308292 B1

TITLE: File driven mask insertion for automatic test equipment test pattern generation

DATE-ISSUED: October 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fusco; Gene T.	Fort Collins	CO		

US-CL-CURRENT: 714/738; 703/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 20 of 25 returned.**☐ **11. Document ID: US 6272671 B1**

L2: Entry 11 of 25

File: USPT

Aug 7, 2001

US-PAT-NO: 6272671

DOCUMENT-IDENTIFIER: US 6272671 B1

TITLE: Extractor and schematic viewer for a design representation, and associated method

DATE-ISSUED: August 7, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fakhry; Nader	Fort Collins	CO		

US-CL-CURRENT: 716/18; 716/3

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
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<a href="#">KVMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ **12. Document ID: US 6243849 B1**

L2: Entry 12 of 25

File: USPT

Jun 5, 2001

US-PAT-NO: 6243849

DOCUMENT-IDENTIFIER: US 6243849 B1

TITLE: Method and apparatus for netlist filtering and cell placement

DATE-ISSUED: June 5, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Virinder	Fremont	CA		
Liang; Mike	Milpitas	CA		

US-CL-CURRENT: 716/8; 716/12

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
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<a href="#">KVMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ **13. Document ID: US 6185723 B1**

L2: Entry 13 of 25

File: USPT

Feb 6, 2001

US-PAT-NO: 6185723

DOCUMENT-IDENTIFIER: US 6185723 B1

TITLE: Method for performing timing analysis of a clock-shaping circuit

DATE-ISSUED: February 6, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Burks; Timothy Michael	Austin	TX		
Mains; Robert Edward	Austin	TX		

US-CL-CURRENT: 716/6; 703/14, 703/15, 703/16, 703/19, 716/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMVC	Draw Desc	Image
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☐ 14. Document ID: US 6182272 B1

L2: Entry 14 of 25

File: USPT

Jan 30, 2001

US-PAT-NO: 6182272

DOCUMENT-IDENTIFIER: US 6182272 B1

TITLE: Metal layer assignment

DATE-ISSUED: January 30, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Andreev; Alexander	San Jose	CA		
Pavistic; Ivan	San Jose	CA		
Raspopovic; Pedja	Cupertino	CA		

US-CL-CURRENT: 716/13; 716/15

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMVC	Draw Desc	Image
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☐ 15. Document ID: US 6119136 A

L2: Entry 15 of 25

File: USPT

Sep 12, 2000

US-PAT-NO: 6119136

DOCUMENT-IDENTIFIER: US 6119136 A

TITLE: Manuscript text composition system featuring a parameter table for specifying template parameters and characters

DATE-ISSUED: September 12, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takata; Hiroaki	Ishikawa			JP
Ashimoto; Katsuhiko	Ishikawa			JP

US-CL-CURRENT: 715/513

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMVC	Draw Desc	Image
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☐ 16. Document ID: US 6113647 A



L2: Entry 16 of 25

File: USPT

Sep 5, 2000

US-PAT-NO: 6113647

DOCUMENT-IDENTIFIER: US 6113647 A

TITLE: Computer aided design system and method using hierarchical and flat netlist  
circuit representations

DATE-ISSUED: September 5, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Silve; Francois	Lecannet			FR
Ginetti; Arnold	Antibos			FR

US-CL-CURRENT: 716/11; 716/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 17. Document ID: US 6075932 A

L2: Entry 17 of 25

File: USPT

Jun 13, 2000

US-PAT-NO: 6075932

DOCUMENT-IDENTIFIER: US 6075932 A

TITLE: Method and apparatus for estimating internal power consumption of an electronic  
circuit represented as netlist

DATE-ISSUED: June 13, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khouja; Adel	Saratoga	CA		
Krishnamoorthy; Shankar	Sunnyvale	CA		
Mailhot; Frederic G.	Palo Alto	CA		
Meier; Stephen F.	Sunnyvale	CA		

US-CL-CURRENT: 716/4; 702/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 18. Document ID: US 6014510 A

L2: Entry 18 of 25

File: USPT

Jan 11, 2000

US-PAT-NO: 6014510

DOCUMENT-IDENTIFIER: US 6014510 A

TITLE: Method for performing timing analysis of a clock circuit

DATE-ISSUED: January 11, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Burks; Timothy Michael	Austin	TX		
Mains; Robert Edward	Austin	TX		

US-CL-CURRENT: 703/19; 703/13, 716/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 19. Document ID: US 5841663 A

L2: Entry 19 of 25

File: USPT

Nov 24, 1998

US-PAT-NO: 5841663

DOCUMENT-IDENTIFIER: US 5841663 A

TITLE: Apparatus and method for synthesizing integrated circuits using parameterized HDL modules

DATE-ISSUED: November 24, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sharma; Balmukund	Santa Clara	CA		
Mahmood; Mossaddeq	San Jose	CA		
Ginetti; Arnold	Antibon			FR

US-CL-CURRENT: 716/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 20. Document ID: US 5696694 A

L2: Entry 20 of 25

File: USPT

Dec 9, 1997

US-PAT-NO: 5696694

DOCUMENT-IDENTIFIER: US 5696694 A

TITLE: Method and apparatus for estimating internal power consumption of an electronic circuit represented as netlist

DATE-ISSUED: December 9, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khouja; Adel	Saratoga	CA		
Krishnamoorthy; Shankar	Sunnyvale	CA		
Mailhot; Frederic G.	Palo Alto	CA		
Meier; Stephen F.	Sunnyvale	CA		

US-CL-CURRENT: 716/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 21 through 25 of 25 returned.**☐ 21. Document ID: US 5682320 A

L2: Entry 21 of 25

File: USPT

Oct 28, 1997

US-PAT-NO: 5682320

DOCUMENT-IDENTIFIER: US 5682320 A

TITLE: Method for electronic memory management during estimation of average power consumption of an electronic circuit

DATE-ISSUED: October 28, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khouja; Adel	Saratoga	CA		
Krishnamoorthy; Shankar	Sunnyvale	CA		
Mailhot; Frederic G.	Palo Alto	CA		
Meier; Stephen F.	Sunnyvale	CA		

US-CL-CURRENT: 716/4[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KWC](#) [Draw Desc](#) [Image](#)☐ 22. Document ID: US 5680557 A

L2: Entry 22 of 25

File: USPT

Oct 21, 1997

US-PAT-NO: 5680557

DOCUMENT-IDENTIFIER: US 5680557 A

TITLE: Natural computing system

DATE-ISSUED: October 21, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Karamchetty; Somayajulu D.	Columbia	MD		

US-CL-CURRENT: 345/866; 345/765, 345/804[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KWC](#) [Draw Desc](#) [Image](#)☐ 23. Document ID: US 5581474 A

L2: Entry 23 of 25

File: USPT

Dec 3, 1996

US-PAT-NO: 5581474

DOCUMENT-IDENTIFIER: US 5581474 A

TITLE: Identifying overconstraints using port abstraction graphs

DATE-ISSUED: December 3, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bamji; Cyrus	Fremont	CA		
Varadarajan; Ravi	Fremont	CA		

US-CL-CURRENT: 716/2; 703/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 24. Document ID: US 5519627 A

L2: Entry 24 of 25

File: USPT

May 21, 1996

US-PAT-NO: 5519627

DOCUMENT-IDENTIFIER: US 5519627 A

TITLE: Datapath synthesis method and apparatus utilizing a structured cell library

DATE-ISSUED: May 21, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mahmood; Mossaddeq	Santa Clara	CA		
Sharma; Balmukund K.	Palo Alto	CA		
Kingsley; Christopher H.	San Jose	CA		

US-CL-CURRENT: 716/18; 716/17

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 25. Document ID: US 5381343 A

L2: Entry 25 of 25

File: USPT

Jan 10, 1995

US-PAT-NO: 5381343

DOCUMENT-IDENTIFIER: US 5381343 A

TITLE: Hier archical pitchmaking compaction method and system for integrated circuit design

DATE-ISSUED: January 10, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bamji; Cyrus	Fremont	CA		
Varadarajan; Ravi	Fremont	CA		

US-CL-CURRENT: 716/2; 716/5, 716/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L2</u>	L1 and cad	18	<u>L2</u>
<u>L1</u>	cell descript\$4 and object\$1	177	<u>L1</u>

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L2: Entry 1 of 18

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030079192

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030079192 A1

TITLE: METHOD FOR GENERATING A PARTITIONED IC LAYOUT

PUBLICATION-DATE: April 24, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cheong, Kit-Lam	Palo Alto	CA	US	
Dai, Wei-Jin	Cupertino	CA	US	
Chen, Hsi-Chuan	Fremont	CA	US	
Eichenseer, Patrick John	Austin	TX	US	

US-CL-CURRENT: 716/7; 716/10, 716/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw Desc	Image
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☐ 2. Document ID: US 20020194575 A1

L2: Entry 2 of 18

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020194575

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020194575 A1

TITLE: Hierarchical layout method for integrated circuits

PUBLICATION-DATE: December 19, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Allen, Robert J.	Jericho	VT	US	
Cohn, John M.	Richmond	VT	US	
Lovejoy, Steve G.	South Burlington	VT	US	

US-CL-CURRENT: 716/17

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw Desc	Image
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☐ 3. Document ID: US 20020183878 A1

L2: Entry 3 of 18

File: PGPB

Dec 5, 2002



PGPUB-DOCUMENT-NUMBER: 20020183878  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020183878 A1

TITLE: Collaborative design

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chartier, Valentin	Boulogne		FR	
Esposito, Nicolas	Suresnes		FR	

US-CL-CURRENT: 700/98; 700/96, 700/97

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 20020180735 A1

L2: Entry 4 of 18

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020180735  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020180735 A1

TITLE: Cell descriptor

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chartier, Valentin	Boulogne		FR	
Delaplace, Francois	Paris		FR	

US-CL-CURRENT: 345/440

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 6457158 B1

L2: Entry 5 of 18

File: USPT

Sep 24, 2002

US-PAT-NO: 6457158  
DOCUMENT-IDENTIFIER: US 6457158 B1

TITLE: Method and device for placing electrode for signal observation

DATE-ISSUED: September 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Inoue; Itaru	Yamagata			JP

US-CL-CURRENT: 716/4; 716/11, 716/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc	Image
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☐ 6. Document ID: US 6345379 B1

L2: Entry 6 of 18

File: USPT

Feb 5, 2002

US-PAT-NO: 6345379

DOCUMENT-IDENTIFIER: US 6345379 B1

TITLE: Method and apparatus for estimating internal power consumption of an electronic circuit represented as netlist

DATE-ISSUED: February 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khouja; Adel	Saratoga	CA		
Krishnamoorthy; Shankar	Sunnyvale	CA		
Mailhot; Frederic G.	Palo Alto	CA		
Meier; Stephen F.	Sunnyvale	CA		

US-CL-CURRENT: 716/4; 716/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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WWW	Draw Desc	Image
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☐ 7. Document ID: US 6308292 B1

L2: Entry 7 of 18

File: USPT

Oct 23, 2001

US-PAT-NO: 6308292

DOCUMENT-IDENTIFIER: US 6308292 B1

TITLE: File driven mask insertion for automatic test equipment test pattern generation

DATE-ISSUED: October 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fusco; Gene T.	Fort Collins	CO		

US-CL-CURRENT: 714/738; 703/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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WWW	Draw Desc	Image
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☐ 8. Document ID: US 6272671 B1

L2: Entry 8 of 18

File: USPT

Aug 7, 2001

US-PAT-NO: 6272671

DOCUMENT-IDENTIFIER: US 6272671 B1

TITLE: Extractor and schematic viewer for a design representation, and associated method

DATE-ISSUED: August 7, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fakhry; Nader	Fort Collins	CO		

US-CL-CURRENT: 716/18; 716/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMVC	Draw Desc	Image
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☐ 9. Document ID: US 6243849 B1

L2: Entry 9 of 18

File: USPT

Jun 5, 2001

US-PAT-NO: 6243849

DOCUMENT-IDENTIFIER: US 6243849 B1

TITLE: Method and apparatus for netlist filtering and cell placement

DATE-ISSUED: June 5, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Virinder	Fremont	CA		
Liang; Mike	Milpitas	CA		

US-CL-CURRENT: 716/8; 716/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMVC	Draw Desc	Image
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☐ 10. Document ID: US 6119136 A

L2: Entry 10 of 18

File: USPT

Sep 12, 2000

US-PAT-NO: 6119136

DOCUMENT-IDENTIFIER: US 6119136 A

TITLE: Manuscript text composition system featuring a parameter table for specifying template parameters and characters

DATE-ISSUED: September 12, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takata; Hiroaki	Ishikawa			JP
Ashimoto; Katsuhiko	Ishikawa			JP

US-CL-CURRENT: 715/513

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMVC	Draw Desc	Image
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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 18 of 18 returned.**☐ 11. Document ID: US 6113647 A

L2: Entry 11 of 18

File: USPT

Sep 5, 2000

US-PAT-NO: 6113647

DOCUMENT-IDENTIFIER: US 6113647 A

TITLE: Computer aided design system and method using hierarchical and flat netlist circuit representations

DATE-ISSUED: September 5, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Silve; Francois	Lecannet			FR
Ginetti; Arnold	Antibos			FR

US-CL-CURRENT: 716/11; 716/2[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[FMC](#) [Draw Desc](#) [Image](#)☐ 12. Document ID: US 6075932 A

L2: Entry 12 of 18

File: USPT

Jun 13, 2000

US-PAT-NO: 6075932

DOCUMENT-IDENTIFIER: US 6075932 A

TITLE: Method and apparatus for estimating internal power consumption of an electronic circuit represented as netlist

DATE-ISSUED: June 13, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khouja; Adel	Saratoga	CA		
Krishnamoorthy; Shankar	Sunnyvale	CA		
Mailhot; Frederic G.	Palo Alto	CA		
Meier; Stephen F.	Sunnyvale	CA		

US-CL-CURRENT: 716/4; 702/60[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[FMC](#) [Draw Desc](#) [Image](#)☐ 13. Document ID: US 5841663 A

L2: Entry 13 of 18

File: USPT

Nov 24, 1998

US-PAT-NO: 5841663  
DOCUMENT-IDENTIFIER: US 5841663 A

TITLE: Apparatus and method for synthesizing integrated circuits using parameterized HDL modules

DATE-ISSUED: November 24, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sharma; Balmukund	Santa Clara	CA		
Mahmood; Mossaddeq	San Jose	CA		
Ginetti; Arnold	Antibon			FR

US-CL-CURRENT: 716/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 14. Document ID: US 5696694 A

L2: Entry 14 of 18

File: USPT

Dec 9, 1997

US-PAT-NO: 5696694  
DOCUMENT-IDENTIFIER: US 5696694 A

TITLE: Method and apparatus for estimating internal power consumption of an electronic circuit represented as netlist .

DATE-ISSUED: December 9, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khouja; Adel	Saratoga	CA		
Krishnamoorthy; Shankar	Sunnyvale	CA		
Mailhot; Frederic G.	Palo Alto	CA		
Meier; Stephen F.	Sunnyvale	CA		

US-CL-CURRENT: 716/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 15. Document ID: US 5682320 A

L2: Entry 15 of 18

File: USPT

Oct 28, 1997

US-PAT-NO: 5682320  
DOCUMENT-IDENTIFIER: US 5682320 A

TITLE: Method for electronic memory management during estimation of average power consumption of an electronic circuit

DATE-ISSUED: October 28, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khouja; Adel	Saratoga	CA		
Krishnamoorthy; Shankar	Sunnyvale	CA		
Mailhot; Frederic G.	Palo Alto	CA		
Meier; Stephen F.	Sunnyvale	CA		

US-CL-CURRENT: 716/4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 16. Document ID: US 5680557 A

L2: Entry 16 of 18

File: USPT

Oct 21, 1997

US-PAT-NO: 5680557

DOCUMENT-IDENTIFIER: US 5680557 A

TITLE: Natural computing system

DATE-ISSUED: October 21, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Karamchetty; Somayajulu D.	Columbia	MD		

US-CL-CURRENT: 345/866; 345/765, 345/804

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 17. Document ID: US 5519627 A

L2: Entry 17 of 18

File: USPT

May 21, 1996

US-PAT-NO: 5519627

DOCUMENT-IDENTIFIER: US 5519627 A

TITLE: Datapath synthesis method and apparatus utilizing a structured cell library

DATE-ISSUED: May 21, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mahmood; Mossaddeq	Santa Clara	CA		
Sharma; Balmukund K.	Palo Alto	CA		
Kingsley; Christopher H.	San Jose	CA		

US-CL-CURRENT: 716/18; 716/17

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 18. Document ID: US 5381343 A

L2: Entry 18 of 18

File: USPT

Jan 10, 1995

US-PAT-NO: 5381343

DOCUMENT-IDENTIFIER: US 5381343 A

TITLE: Hier archical pitchmaking compaction method and system for integrated circuit design

DATE-ISSUED: January 10, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bamji; Cyrus	Fremont	CA		
Varadarajan; Ravi	Fremont	CA		

US-CL-CURRENT: 716/2; 716/5, 716/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMIC	Draw Desc	Image
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L2	(cad or computer aided design) adj modeling with object\$1	5	L2
L1	(cad or computer aided design)	28569	L1

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**Search Results - Record(s) 1 through 5 of 5 returned.**☐ 1. Document ID: US 20030081849 A1

L2: Entry 1 of 5

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030081849

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030081849 A1

TITLE: Method and system for creating seamless textured three dimensional models of objects

PUBLICATION-DATE: May 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Smith, Joshua Edward	Barre	MA	US	

US-CL-CURRENT: 382/241

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw Desc	Image
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☐ 2. Document ID: US 5377011 A

L2: Entry 2 of 5

File: USPT

Dec 27, 1994

US-PAT-NO: 5377011

DOCUMENT-IDENTIFIER: US 5377011 A

TITLE: Scanning system for three-dimensional object digitizing

DATE-ISSUED: December 27, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Koch, Stephen K.	Austin, Travis	TX	78748	

US-CL-CURRENT: 356/602; 702/167

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw Desc	Image
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☐ 3. Document ID: US 5231470 A

L2: Entry 3 of 5

File: USPT

Jul 27, 1993

US-PAT-NO: 5231470

DOCUMENT-IDENTIFIER: US 5231470 A

TITLE: Scanning system for three-dimensional object digitizing

DATE-ISSUED: July 27, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Koch; Stephen K.	Austin, Travis	TX	78748	

US-CL-CURRENT: 356/602; 356/3.11, 702/153, 702/159, 702/167

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 5218427 A

L2: Entry 4 of 5

File: USPT

Jun 8, 1993

US-PAT-NO: 5218427

DOCUMENT-IDENTIFIER: US 5218427 A

TITLE: Ranging system for three-dimensional object digitizing

DATE-ISSUED: June 8, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Koch; Stephen K.	Travis	TX	78748	

US-CL-CURRENT: 356/602; 356/3.05, 702/153, 702/159, 702/167

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 5. Document ID: US 5973678 A

L2: Entry 5 of 5

File: DWPI

Oct 26, 1999

DERWENT-ACC-NO: 1999-610415

DERWENT-WEEK: 199952

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TITLE: Three dimensional object manipulation method in using force feedback interface in CAD environment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Clip Img	Image
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(cad or computer aided design) and modeling object\$1 and identif\$6 geometric cell\$1	2

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<u>L5</u>	(cad or computer aided design) and modeling object\$1 and identif\$6 geometric cell\$1	2	<u>L5</u>
<u>L4</u>	(cad or computer aided design) and modeling object\$1 and identif\$6 cell\$1	2	<u>L4</u>
<u>L3</u>	(cad or computer aided design) and modeling object\$1	100	<u>L3</u>
<u>L2</u>	(cad or computer aided design) adj modeling with object\$1	5	<u>L2</u>
<u>L1</u>	(cad or computer aided design)	28569	<u>L1</u>

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L5: Entry 1 of 2

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020180735  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020180735 A1

TITLE: Cell descriptor

PUBLICATION-DATE: December 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chartier, Valentin	Boulogne		FR	
Delaplace, Francois	Paris		FR	

US-CL-CURRENT: 345/440

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: EP 1244062 A2 JP 2002297680 A CA 2371622 A1 US 20020180735 A1

L5: Entry 2 of 2

File: DWPI

Sep 25, 2002

DERWENT-ACC-NO: 2002-684194  
DERWENT-WEEK: 200325  
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TITLE: Computer implemented object modeling method for computer aided design system, involves determining whether geometric cells of model meets requirements of constraints associated with received cell information

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Clip Img	Image
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Terms	Documents
(cad or computer aided design) and modeling object\$1 and identif\$6 geometric cell\$1	2

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*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L6</u>	L3 and cell\$1	35	<u>L6</u>
<u>L5</u>	(cad or computer aided design) and modeling object\$1 and identif\$6 geometric cell\$1	2	<u>L5</u>
<u>L4</u>	(cad or computer aided design) and modeling object\$1 and identif\$6 cell\$1	2	<u>L4</u>
<u>L3</u>	(cad or computer aided design) and modeling object\$1	100	<u>L3</u>
<u>L2</u>	(cad or computer aided design) adj modeling with object\$1	5	<u>L2</u>
<u>L1</u>	(cad or computer aided design)	28569	<u>L1</u>

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 35 returned.**☐ 1. Document ID: US 20030076319 A1

L6: Entry 1 of 35

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030076319  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030076319 A1

TITLE: Method and apparatus for encoding and decoding an object

PUBLICATION-DATE: April 24, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hiraga, Masaki	Tokyo		JP	

US-CL-CURRENT: 345/420; 345/423

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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EMMC	Dram Desc	Image
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☐ 2. Document ID: US 20030052875 A1

L6: Entry 2 of 35

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030052875  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030052875 A1

TITLE: System and method to obtain surface structures of multi-dimensional objects, and to represent those surface structures for animation, transmission and display

PUBLICATION-DATE: March 20, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Salomie, Ioan Alexandru	Brussels		BE	

US-CL-CURRENT: 345/419

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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EMMC	Dram Desc	Image
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☐ 3. Document ID: US 20030025692 A1

L6: Entry 3 of 35

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030025692  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030025692 A1

TITLE: Method, apparatus and system for constructing and maintaining scenegraphs for



interactive feature-based geoscience geometric modeling

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lu, HongQian	Austin	TX	US	
Endres, David Mack	Leander	TX	US	
Cudennec, Yann	Austin	TX	US	
Schoen, Eric Jonathan	Austin	TX	US	

US-CL-CURRENT: 345/418

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FORM	Draw Desc	Image
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☐ 4. Document ID: US 20020180735 A1

L6: Entry 4 of 35

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020180735

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020180735 A1

TITLE: Cell descriptor

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chartier, Valentin	Boulogne		FR	
Delaplace, Francois	Paris		FR	

US-CL-CURRENT: 345/440

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FORM	Draw Desc	Image
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☐ 5. Document ID: US 6556783 B1

L6: Entry 5 of 35

File: USPT

Apr 29, 2003

US-PAT-NO: 6556783

DOCUMENT-IDENTIFIER: US 6556783 B1

TITLE: Method and apparatus for three dimensional modeling of an object

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gelphman, Janet L.	Dallas	TX	75229	

US-CL-CURRENT: 396/20; 356/603, 356/610, 396/429

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FORM	Draw Desc	Image
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☐ 6. Document ID: US 6453328 B1

L6: Entry 6 of 35

File: USPT

Sep 17, 2002

US-PAT-NO: 6453328

DOCUMENT-IDENTIFIER: US 6453328 B1

TITLE: Model tracking object-oriented system for collaborative data editing with non-compatible computer peripheral devices

DATE-ISSUED: September 17, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schaeffer; Arnold	Belmont	CA		
Anderson; David R.	Cupertino	CA		
Palevich; Jack H.	Sunnyvale	CA		

US-CL-CURRENT: 715/515

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMVC	Draw Desc	Image
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☐ 7. Document ID: US 6424354 B1

L6: Entry 7 of 35

File: USPT

Jul 23, 2002

US-PAT-NO: 6424354

DOCUMENT-IDENTIFIER: US 6424354 B1

TITLE: Object-oriented event notification system with listener registration of both interests and methods

DATE-ISSUED: July 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matheny; John R.	Mountain View	CA		
White; Christopher	Mountain View	CA		
Anderson; David R.	Cupertino	CA		
Schaeffer; Arn J.	Belmont	CA		

US-CL-CURRENT: 345/619; 345/700, 345/764

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMVC	Draw Desc	Image
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☐ 8. Document ID: US 6407736 B1

L6: Entry 8 of 35

File: USPT

Jun 18, 2002

US-PAT-NO: 6407736

DOCUMENT-IDENTIFIER: US 6407736 B1

TITLE: Deferred scanline conversion architecture

DATE-ISSUED: June 18, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Regan; Matthew James Patrick	Victoria			AU

US-CL-CURRENT: 345/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMIC	Draw Desc	Image
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☐ 9. Document ID: US 6327627 B1

L6: Entry 9 of 35

File: USPT

Dec 4, 2001

US-PAT-NO: 6327627

DOCUMENT-IDENTIFIER: US 6327627 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Method and apparatus for providing an object-oriented application interface for a computer system

DATE-ISSUED: December 4, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Orton; Debra L.	San Jose	CA		
Goldsmith; David B.	Los Altos	CA		
Moeller; Christopher P.	Los Altos	CA		
Heninger; Andrew G.	Los Altos	CA		

US-CL-CURRENT: 709/328

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMIC	Draw Desc	Image
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☐ 10. Document ID: US 6323863 B1

L6: Entry 10 of 35

File: USPT

Nov 27, 2001

US-PAT-NO: 6323863

DOCUMENT-IDENTIFIER: US 6323863 B1

TITLE: Object structure graph generation and data conversion using the same

DATE-ISSUED: November 27, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shinagawa; Yoshihisa	Tokyo			JP
Hirose; Kazuki	Tokyo			JP

US-CL-CURRENT: 345/441; 345/419, 345/420, 345/440, 345/473, 345/619

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMIC	Draw Desc	Image
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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 20 of 35 returned.**☐ **11. Document ID: US 6259446 B1**

L6: Entry 11 of 35

File: USPT

Jul 10, 2001

US-PAT-NO: 6259446

DOCUMENT-IDENTIFIER: US 6259446 B1

TITLE: Menu state system

DATE-ISSUED: July 10, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matheny; John R.	Mountain View	CA		
White; Christopher	Mountain View	CA		
Anderson; David R.	Cupertino	CA		
Schaeffer; Arn J.	Belmont	CA		

US-CL-CURRENT: 345/764[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KVMC](#) [Draw Desc](#) [Image](#)☐ **12. Document ID: US 6158903 A**

L6: Entry 12 of 35

File: USPT

Dec 12, 2000

US-PAT-NO: 6158903

DOCUMENT-IDENTIFIER: US 6158903 A

TITLE: Apparatus and method for allowing computer systems with different input/output devices to collaboratively edit data

DATE-ISSUED: December 12, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schaeffer; Arnold	Belmont	CA		
Anderson; David R.	Cupertino	CA		
Palevich; Jack H.	Sunnyvale	CA		

US-CL-CURRENT: 709/204; 712/1[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KVMC](#) [Draw Desc](#) [Image](#)☐ **13. Document ID: US 6146027 A**

L6: Entry 13 of 35

File: USPT

Nov 14, 2000

US-PAT-NO: 6146027  
DOCUMENT-IDENTIFIER: US 6146027 A

TITLE: Method and apparatus for providing an object-oriented application interface for a computer system

DATE-ISSUED: November 14, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Orton; Debra L.	San Jose	CA		
Goldsmith; David B.	Los Altos	CA		
Moeller; Christopher P.	Los Altos	CA		
Heninger; Andrew G.	Los Altos	CA		

US-CL-CURRENT: 345/835; 345/764

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☐ 14. Document ID: US 5980813 A

L6: Entry 14 of 35

File: USPT

Nov 9, 1999

US-PAT-NO: 5980813  
DOCUMENT-IDENTIFIER: US 5980813 A

TITLE: Rapid prototyping using multiple materials

DATE-ISSUED: November 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Narang; Subhash C.	Palo Alto	CA		
Ventura; Susanna C.	Los Altos	CA		
Sharma; Sunity	Fremont	CA		
Stotts; John S.	Santa Clara	CA		

US-CL-CURRENT: 264/401; 264/308, 264/494, 264/497, 419/13, 419/14, 419/15, 419/19,  
419/45, 419/61

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☐ 15. Document ID: US 5880961 A

L6: Entry 15 of 35

File: USPT

Mar 9, 1999

US-PAT-NO: 5880961  
DOCUMENT-IDENTIFIER: US 5880961 A

TITLE: Appararus and method for creating three-dimensional modeling data from an object

DATE-ISSUED: March 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Crump; Craig D.	Eden Prairie	MN	55347	

US-CL-CURRENT: 700/112; 700/119

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FNMC	Draw Desc	Image
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☐ 16. Document ID: US 5815398 A

L6: Entry 16 of 35

File: USPT

Sep 29, 1998

US-PAT-NO: 5815398

DOCUMENT-IDENTIFIER: US 5815398 A

\*\* See image for Certificate of Correction \*\*

TITLE: Method and apparatus for placing parts in a bounded region

DATE-ISSUED: September 29, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dighe; Rahul P.	Natick	MA		
Jakiela; Mark J.	Cambridge	MA		

US-CL-CURRENT: 700/217; 700/171

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FNMC	Draw Desc	Image
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☐ 17. Document ID: US 5717877 A

L6: Entry 17 of 35

File: USPT

Feb 10, 1998

US-PAT-NO: 5717877

DOCUMENT-IDENTIFIER: US 5717877 A

TITLE: Object-oriented data access framework system

DATE-ISSUED: February 10, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Orton; Debra L.	Colorado Springs	CO		
Goldsmith; David B.	Los Gatos	CA		
Moeller; Christopher P.	Los Altos	CA		
Heninger; Andrew G.	Los Altos	CA		

US-CL-CURRENT: 345/860; 345/835

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FNMC	Draw Desc	Image
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☐ 18. Document ID: US 5717509 A

L6: Entry 18 of 35

File: USPT

Feb 10, 1998

US-PAT-NO: 5717509

DOCUMENT-IDENTIFIER: US 5717509 A

TITLE: Stereoscopic display method of hologram and its forming method and its stereoscopic display apparatus

DATE-ISSUED: February 10, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kato; Masayuki	Kawasaki			JP
Aritake; Hirokazu	Kawasaki			JP
Ishimoto; Manabu	Kawasaki			JP
Sato; Noriko	Kawasaki			JP
Nakashima; Masato	Kawasaki			JP

US-CL-CURRENT: 359/9; 359/22, 359/23, 359/900

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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WWW	Draw Desc	Image
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☐ 19. Document ID: US 5621648 A

L6: Entry 19 of 35

File: USPT

Apr 15, 1997

US-PAT-NO: 5621648

DOCUMENT-IDENTIFIER: US 5621648 A

\*\* See image for Certificate of Correction \*\*

TITLE: Apparatus and method for creating three-dimensional modeling data from an object

DATE-ISSUED: April 15, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Crump; Craig D.	Eden Prairie	MN	55347	

US-CL-CURRENT: 700/112; 700/192

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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WWW	Draw Desc	Image
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☐ 20. Document ID: US 5583982 A

L6: Entry 20 of 35

File: USPT

Dec 10, 1996

US-PAT-NO: 5583982

DOCUMENT-IDENTIFIER: US 5583982 A

TITLE: Dialog system

DATE-ISSUED: December 10, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matheny; John R.	Mountain View	CA		
White; Christopher	Mountain View	CA		
Anderson; David R.	Cupertino	CA		

US-CL-CURRENT: 345/762; 345/835

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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WWW	Draw Desc	Image
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L6: Entry 21 of 35

File: USPT

Aug 27, 1996

US-PAT-NO: 5551055

DOCUMENT-IDENTIFIER: US 5551055 A

TITLE: System for providing locale dependent user interface for presenting control graphic which has different contents or same contents displayed in a predetermined order

DATE-ISSUED: August 27, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matheny; John R.	Mountain View	CA		
White; Christopher	Mountain View	CA		
Davis; Mark E.	Cupertino	CA		

US-CL-CURRENT: 710/62; 703/20, 703/26, 710/72[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[FORM](#) [Draw Desc](#) [Image](#)☐ 22. Document ID: US 5550563 A

L6: Entry 22 of 35

File: USPT

Aug 27, 1996

US-PAT-NO: 5550563

DOCUMENT-IDENTIFIER: US 5550563 A

TITLE: Interaction framework system

DATE-ISSUED: August 27, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matheny; John R.	Mountain View	CA		
White; Christopher	Mountain View	CA		

US-CL-CURRENT: 345/168; 345/157, 345/856[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[FORM](#) [Draw Desc](#) [Image](#)☐ 23. Document ID: US 5548694 A

L6: Entry 23 of 35

File: USPT

Aug 20, 1996

US-PAT-NO: 5548694

DOCUMENT-IDENTIFIER: US 5548694 A

TITLE: Collision avoidance system for voxel-based object representation

DATE-ISSUED: August 20, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frisken Gibson; Sarah F.	Arlington	MA		

US-CL-CURRENT: 345/424; 345/427, 701/301

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FIG1C	Draw Desc	Image
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☐ 24. Document ID: US 5530864 A

L6: Entry 24 of 35

File: USPT

Jun 25, 1996

US-PAT-NO: 5530864

DOCUMENT-IDENTIFIER: US 5530864 A

TITLE: Command object system for an object-oriented software platform

DATE-ISSUED: June 25, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matheny; John R.	Mountain View	CA		
White; Christopher	Mountain View	CA		
Anderson; David R.	Cupertino	CA		

US-CL-CURRENT: 709/315; 709/328

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FIG1C	Draw Desc	Image
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☐ 25. Document ID: US 5519862 A

L6: Entry 25 of 35

File: USPT

May 21, 1996

US-PAT-NO: 5519862

DOCUMENT-IDENTIFIER: US 5519862 A

TITLE: Concurrent processing apparatus with incremental command objects

DATE-ISSUED: May 21, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schaeffer; Arnold	Belmont	CA		
Goldsmith; David B.	Los Gatos	CA		
Moeller; Christopher P.	Los Altos	CA		
Heninger; Andrew G.	Mountain View	CA		

US-CL-CURRENT: 717/165; 717/110

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FIG1C	Draw Desc	Image
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☐ 26. Document ID: US 5517606 A

L6: Entry 26 of 35

File: USPT

May 14, 1996

US-PAT-NO: 5517606

DOCUMENT-IDENTIFIER: US 5517606 A

TITLE: Object-oriented menuing system using command objects of an object-oriented operation system

DATE-ISSUED: May 14, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matheny; John R.	Mountain View	CA		
White; Christopher	Mountain View	CA		
Anderson; David R.	Cupertino	CA		
Schaeffer; Arnold	Belmont	CA		

US-CL-CURRENT: 345/810; 345/835

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 27. Document ID: US 5479601 A

L6: Entry 27 of 35

File: USPT

Dec 26, 1995

US-PAT-NO: 5479601

DOCUMENT-IDENTIFIER: US 5479601 A

TITLE: Method and apparatus for processing commands generated by user interface controls in an atomic manner

DATE-ISSUED: December 26, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matheny; John R.	Mountain View	CA		
White; Christopher	Mountain View	CA		
Anderson; David R.	Cupertino	CA		

US-CL-CURRENT: 345/700; 345/701, 717/168

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 28. Document ID: US 5459865 A

L6: Entry 28 of 35

File: USPT

Oct 17, 1995

US-PAT-NO: 5459865

DOCUMENT-IDENTIFIER: US 5459865 A

TITLE: Runtime loader

DATE-ISSUED: October 17, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Heninger; Andrew G.	Los Altos	CA		
Nakano; Russell T.	Sunnyvale	CA		
Palevich; Jack H.	Sunnyvale	CA		

US-CL-CURRENT: 709/108; 709/332, 713/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMAC	Draw Desc	Image
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☐ 29. Document ID: US 5446842 A

L6: Entry 29 of 35

File: USPT

Aug 29, 1995

US-PAT-NO: 5446842

DOCUMENT-IDENTIFIER: US 5446842 A

\*\* See image for Certificate of Correction \*\*

TITLE: Object-oriented collaboration system

DATE-ISSUED: August 29, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schaeffer; Arnold	Belmont	CA		
Anderson; David R.	Cupertino	CA		
Palevich; Jack H.	Sunnyvale	CA		
Rosenstein; Larry S.	Santa Clara	CA		

US-CL-CURRENT: 709/205; 345/751, 709/312, 709/315

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMAC	Draw Desc	Image
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☐ 30. Document ID: US 5434965 A

L6: Entry 30 of 35

File: USPT

Jul 18, 1995

US-PAT-NO: 5434965

DOCUMENT-IDENTIFIER: US 5434965 A

TITLE: Balloon help system

DATE-ISSUED: July 18, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matheny; John R.	Mountain View	CA		
White; Christopher	Mountain View	CA		
Goldsmith; David B.	Los Gatos	CA		

US-CL-CURRENT: 345/710; 345/809, 345/835

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMAC	Draw Desc	Image
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L6: Entry 31 of 35

File: USPT

Nov 22, 1994

US-PAT-NO: 5367633

DOCUMENT-IDENTIFIER: US 5367633 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Objected oriented notification framework system

DATE-ISSUED: November 22, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matheny; John R.	Mountain View	CA		
White; Christopher	Mountain View	CA		
Anderson; David R.	Cupertino	CA		

US-CL-CURRENT: 345/764[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[RPMC](#) [Draw Desc](#) [Image](#)☐ **32. Document ID: US 5315703 A**

L6: Entry 32 of 35

File: USPT

May 24, 1994

US-PAT-NO: 5315703

DOCUMENT-IDENTIFIER: US 5315703 A

TITLE: Object-oriented notification framework system

DATE-ISSUED: May 24, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matheny; John R.	Mountain View	CA		
White; Christopher	Mountain View	CA		
Anderson; David R.	Cupertino	CA		
Schaeffer; Arnold	Belmont	CA		

US-CL-CURRENT: 345/700[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[RPMC](#) [Draw Desc](#) [Image](#)☐ **33. Document ID: US 4922414 A**

L6: Entry 33 of 35

File: USPT

May 1, 1990

US-PAT-NO: 4922414

DOCUMENT-IDENTIFIER: US 4922414 A

TITLE: Symbolic language data processing system

DATE-ISSUED: May 1, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Holloway; John T.	Belmont	MA		
Moon; David A.	Cambridge	MA		
Cannon; Howard I.	Lexington	MA		
Knight; Thomas F.	Belmont	MA		
Edwards; Bruce E.	Belmont	MA		
Weinreb; Daniel L.	Somerville	MA		

US-CL-CURRENT: 711/207; 711/216

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FIG1C	Draw Desc	Image
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☐ 34. Document ID: US 4887235 A

L6: Entry 34 of 35

File: USPT

Dec 12, 1989

US-PAT-NO: 4887235

DOCUMENT-IDENTIFIER: US 4887235 A

TITLE: Symbolic language data processing system

DATE-ISSUED: December 12, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Holloway; John T.	Belmont	MA		
Moon; David A.	Cambridge	MA		
Cannon; Howard I.	Sudbury	MA		
Knight; Thomas F.	Belmont	MA		
Edwards; Bruce E.	Belmont	MA		
Weinreb; Daniel L.	Arlington	MA		

US-CL-CURRENT: 711/216; 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FIG1C	Draw Desc	Image
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☐ 35. Document ID: EP 1244062 A2 JP 2002297680 A CA 2371622 A1 US 20020180735 A1

L6: Entry 35 of 35

File: DWPI

Sep 25, 2002

DERWENT-ACC-NO: 2002-684194

DERWENT-WEEK: 200325

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TITLE: Computer implemented object modeling method for computer aided design system, involves determining whether geometric cells of model meets requirements of constraints associated with received cell information



Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMIC	Draw Desc	Clip Img	Image
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